IN THE SPECIFICATION

Please make the following changes to the specification.

Please replace the paragraph beginning on page 4, line 22 as shown below.

According to another aspect of the invention, a method for designing software is provided which involves object-oriented software objects, the method comprising defining a design matrix describing a relation between a plurality of functional requirements of the software system and design parameters; representing at least one object-oriented object by at least one of the functional requirements; representing data used by the at least one object-oriented software object by at least one of the design parameters; and representing a method of the at least one object-oriented software object by a product of a portion of the design matrix [[an]] and the at least one design parameter. According to another embodiment of the invention, the method further comprises defining a plurality of functional requirements and constraints of the software system. According to another embodiment of the invention, the method further comprises a step of decomposing at least one functional requirement into leaf elements. According to another embodiment of the invention, the method further comprises a step of decomposing at least one design parameter into leaf elements. According to another embodiment of the invention, the method further comprises a step of decomposing at least one process variable into leaf elements.

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